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# METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

## ROYAL SOCIETY,

BY ORDER OF THE

## PRESIDENT AND COUNCIL.

MDCCCXXIII.

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## METEOROLOGICAL JOURNAL

for January, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan.	1	8 0	38	48	29,84	36	S	1	Cloudy and hazy.
		2 0	44	53	29,64	45	W	1	Fine.
	2	8 0	45	48	29,61	45	W	1	Fine.
		2 0	41	52	29,64	45	SSW	1	Cloudy and hazy.
	3	8 0	35	49	29,81	35	W	1	Hazy.
		2 0	40	51	29,70	41	S	1	Cloudy.
	4	8 0	37	48	29,10	36	E	1	Rain. [vals.
		2 0	39	51	29,45	41	WSW	1	Cloudy and Rain at inter-
	5	8 0	35	47	29,77	36	N	1	Fine.
		2 0	39	51	29,91	41	ESE	1	Cloudy.
	6	8 0	35	47	29,99	35	N	1	Cloudy.
		2 0	37	46	30,02	40	E	1	Fine.
	7	8 0	34	45	29,92	33	NNW	1	Hazy thick weather.
		2 0	36	48	29,98	37	ESE	1	Cloudy.
	8	8 0	34	46	30,08	35	SSW	1	Cloudy.
		2 0	40	48	30,09	40	N	1	Cloudy.
	9	8 0	40	47	30,13	40	N	1	Hazy and cloudy.
		2 0	44	50	30,16	45	N	1	Fine.
	10	8 0	35	41	30,13	34	W	1	Fine, rather hazy.
		2 0	42	51	30,13	45	W	1	Fine.
	11	8 0	42	49	30,20	40	W	1	Cloudy and hazy.
		2 0	47	53	30,24	48	NW	1	Cloudy.
	12	8 0	42	50	30,31	41	W	1	Cloudy.
		2 0	48	54	30,31	48	W	1	Cloudy.
	13	8 0	45	50	30,30	44	W	1	Fine.
		2 0	49	54	30,29	49	W	1	Cloudy.
	14	8 0	42	50	30,26	42	W	1	Fine.
		2 0	47	54	30,26	49	W	1	Fine.
	15	8 0	40	49	30,12	40	N	1	Fine.
		2 0	43	53	30,20	47	N	1	Fine.
	16	8 0	34	46	30,18	34	WNW	1	Hazy.
		2 0	36	49	30,13	42	WNW	1	Fine.

Rain this Month 0,215 Inches.

## METEOROLOGICAL JOURNAL

for January, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan. 17	8	0	32	45	30.10	31	W	1	Cloudy; snow in the night.
	2	0	38	49	30.12		W	1	Rain.
18	8	0	35	48	30.29	35	W	1	Foggy.
	2	0	43	53	30.34	45	W	1	Cloudy.
19	8	0	41	48	30.35	35	W	1	Cloudy and foggy.
	2	0	46	51	30.37	46	W	1	Cloudy.
20	8	0	45	50	30.22	44	W	1	Cloudy.
	2	0	49	49	30.29	50	W	1	Cloudy.
21	8	0	40	47	30.28	39	W	1	Cloudy and hazy.
	2	0	47	54	30.30	50	NW	1	Fine.
22	8	0	43	50	30.43	43	W	1	Cloudy and hazy.
	2	0	48	54	30.45	48	W	1	Cloudy.
23	8	0	42	51	30.32	42	SSW	1	Fine.
	2	0	48	54	30.25	48	W	1	Cloudy.
24	8	0	43	51	29.85	42	S	1	Rain.
	2	0	49	55	29.86	49	W by S	1	Cloudy.
25	8	0	44	53	29.96	44	WNW	1	Cloudy.
	2	0	48	55	30.00	49	N	1	Cloudy.
26	8	0	43	52	30.10	42	W	1	Cloudy.
	2	0	48	54	30.09	49	W	1	Fine.
27	8	0	36	51	30.28	36	W	1	Fine.
	2	0	43	51	30.31	49	S	1	Cloudy damp weather.
28	8	0	46	50	30.21	48	W	1	Hazy.
	2	0	50	58	30.17	50	W	1	Fine.
29	8	0	38	51	30.18	38	W	1	Fine.
	2	0	48	53	30.19	51	W	1	Cloudy.
30	8	0	36	51	30.32	36	W	1	Hazy.
	2	0	44	53	30.34	49	W	1	Fine.
31	8	0	34	48	30.33	31	W	1	Fine; rather hazy.
	2	0	43	53	30.30	44	W by S	1	Fine.

Rain this Month 0.215 Inches.

## METEOROLOGICAL JOURNAL

for February, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Feb.	1	8 0	41	51	30,23	39	SW	1	Fine.
		2 0	45	57	30,13	46	SW	1	Fine.
	2	8 0	45	52	29,84	39	SW	1	Cloudy.
		2 0	50	55	29,71	51	W	2	Cloudy.
	3	8 0	45	52	29,42	45	W	1	Fine.
		2 0	47	52	29,46	52	W	1	Fine.
	4	8 0	37	49	29,74	36	W	1	Fine : hoar frost.
		2 0	46	55	29,68	48	S	1,2	Cloudy.
	5	8 0	47	52	29,30	41	SW	3	Rain.
		2 0	50	55	29,30	54	W	1	Rain.
	6	8 0	35	49	30,11	34	W	1	Fine.
		2 0	42	59	30,16	50	S	1	Fine.
	7	8 0	44	51	29,87	41	S	2	Fine.
		2 0	50	55	29,84	51	S	2	Cloudy.
	8	8 0	45	53	29,76	44	SW	2	Cloudy.
		2 0	49	57	29,91	51	SW	1	Cloudy.
	9	2 0	45	52	29,99	44	S	2	Cloudy.
		2 0	51	57	29,85	53	W	1	Cloudy.
	10	8 0	47	53	29,85	47	SSE	1	Cloudy.
		2 0	52	55	29,83	53	SE	1	Fine.
	11	8 0	42	52	29,96	42	SW	1	Fine.
		2 0	49	58	30,05	52	SSW	1	Fine.
	12	8 0	41	55	30,23	41	W	1	Thick fog.
		2 0	46	57	30,23	50	ESE	1	Fog.
	13	8 0	39	53	30,13	36	E	1	Foggy.
		2 0	49	58	30,09	49	S	1	Fine.
	14	8 0	43	53	30,11	42	SSE	1	Cloudy.
		2 0	50	56	30,10	50	S	1	Fine.
	15	8 0	43	56	30,09	42	S	1	Fine.
		2 0	52	60	30,09	53	SSW	1	Fine.

Rain this Month 0,560 Inches.

## METEOROLOGICAL JOURNAL

for February, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Feb. 16	8	0	40	54	30,36	40	W	1	Hazy.
	2	0	47	59	30,41	52	W	1	Fine.
17	8	0	47	55	30,41	45	W	1	Cloudy.
	2	0	53	57	30,40	50	W	1	Fine.
18	8	0	45	55	30,40	42	WSW	1	Cloudy.
	2	0	53	59	30,37	54	S	1	Fine and clear.
19	8	0	45	56	30,42	44	N	1	Damp and foggy.
	2	0	50	59	30,38	51	W	1	Cloudy.
20	8	0	42	55	30,10	39	W	1,2	Cloudy.
	2	0	48	56	29,92	50	W	2	Cloudy.
21	8	0	37	52	30,37	36	NNW	1	Fine.
	2	0	47	56	30,43	45	NW	1	Fine.
22	8	0	37	54	30,44	36	S	1	Fine.
	2	0	46	60	30,32	48	W	1	Fine.
23	8	0	42	55	30,25	40	W	1	Hazy.
	2	0	46	58	30,29	46	WNW	1	Fine.
24	8	0	43	54	30,22	41	W	1	Cloudy.
	2	0	52	54	30,15	54	NNW	1,2	Cloudy.
25	8	0	48	54	30,24	48	W	1,2	Cloudy.
	2	0	53	56	30,23	54	W	1	Cloudy.
26	8	0	44	53	30,12	44	W	1,2	Fine.
	2	0	53	58	30,06	54	W	1	Cloudy.
27	8	0	39	53	30,50	38	W	1	Fine; rather hazy.
	2	0	47	56	30,63	49	N	1	Fine.
28	8	0	37	54	30,69	35	W	1	Hazy thick weather.
	2	0	46	59	30,58	48	S	1	Fine.

Rain this Month 0,560 Inches.

## METEOROLOGICAL JOURNAL

March, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	o	o	Inches.		Points.	Str.		
Mar.	1	7	0	36	54	30,28	35	SE	1	Thick Fog.
		2	0	46	60	30,20	47	W	1	Fine.
	2	7	0	45	55	30,29	42	SW	1	Cloudy and hazy.
		2	0	53	57	30,28	53	S	1,2	Cloudy.
	3	7	0	43	53	30,29	43	SW	1	Fine.
		2	0	53	56	30,24	54	S	1	Fine.
	4	7	0	43	53	30,09	42	SW	1	Fine.
		2	0	53	57	29,99	53	SW	1	Fine.
	5	7	0	47	55	29,95	47	W	1	Cloudy.
		2	0	53	60	29,99	54	W	1	Fine.
	6	7	0	50	58	29,56	46	S	2,3	Rain.
		2	0	55	58	29,57	55	W	1	Cloudy.
	7	7	0	43	56	29,57	42	W	1	Fine.
		2	0	47	59	29,44	52	W	1	Rain.
	8	7	0	39	54	29,68	38	W	1	Cloudy.
		2	0	48	59	29,43	49	W	1	Rain.
	9	7	0	44	55	29,69	43	W	1	Fine.
		2	0	53	60	29,69	54	W	1	Rain.
	10	7	0	50	57	29,59	50	SW	1	Cloudy.
		2	0	57	58	29,56	57	W	1,2	Fine.
	11	7	0	42	52	29,78	40	W	1	Fine.
		2	0	47	58	29,97	52	NW	1,2	Cloudy.
	12	7	0	40	53	30,36	35	W	1	Hazy.
		2	0	48	56	30,36	48	SW	1	Fine.
	13	7	0	41	53	30,21	40	SSE	1	Fine.
		2	0	51	57	30,05	51	E	1,2	Fine.
	14	7	0	47	54	29,91	45	SSW	1	Cloudy.
		2	0	56	57	29,97	57	SW	1	Rain.
	15	7	0	41	55	30,22	41	NW	1	Cloudy and hazy.
		2	0	58	59	30,26	58	W	1	Fine.
	16	7	0	45	55	30,29	42	S	1,2	Fine.
		2	0	56	59	30,13	56	SSE	1	Cloudy.

Rain this Month 1,273 Inches.

## METEOROLOGICAL JOURNAL

for March, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Mar. 17	7	0	51	56	30.27	50	W	1	Cloudy.
	2	0	54	57	30.19	56	SW	1	Rain.
18	7	0	48	57	30.23	48	NW	1	Cloudy.
	2	0	56	57	30.30	56		1	Cloudy.
19	7	0	50	57	30.28	46	SW	1	Cloudy.
	2	0	60	61	30.26	61	W	2	Cloudy.
20	7	0	51	57	30.32	50	W	1	Cloudy.
	2	0	58	60	30.25	60	W	1	Fine.
21	7	0	45	55	30.27	45	SW	1	Cloudy.
	2	0	58	60	30.15	58	W	1	Fine.
22	7	0	45	56	30.30	44	W	1	Fine.
	2	0	56	61	30.35	58	WNW	1	Fine.
23	7	0	42	54	30.24	40	W	1	Fine.
	2	0	59	60	30.06	59	SW	1	Fine.
24	7	0	48	57	29.60	46	W	1	Cloudy.
	2	0	52	56	29.61	60	NW	1,2	Cloudy.
25	7	0	42	51	29.74	38	W	1	Cloudy.
	2	0	47	56	29.70	52	W by N	1	Rain.
26	7	0	43	53	30.04	38	WSW	1	Cloudy.
	2	0	57	58	30.11	58	NW	1	Cloudy.
27	7	0	50	56	30.20	49	W	1	Cloudy.
	2	0	58	60	30.17	59	S	1	Fine.
28	7	0	50	58	29.94	49	SW	1	Fine.
	2	0	65	63	29.92	66	SW	1	Fine.
29	7	0	47	57	30.38	45	W	1	Fine.
	2	0	62	62	30.39	65	W	1	Fine.
30	7	0	49	56	29.68	47	SW	2	Cloudy.
	2	0	53	61	29.46	55	W	2	Cloudy.
31	7	0	40	51	30.33	38	NE	2	Fine.
	2	0	42	52	30.35	47	NE	2	Fine.

Rain this Month 1,273 Inches.



## METEOROLOGICAL JOURNAL

for April, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
April	1	7 0	40	50	30.34	38	N	1	Cloudy.
		2 0	47	56	30.32	48	N	1	Cloudy.
	2	7 0	43	51	30.30	41	N	1	Cloudy.
		2 0	49	57	30.31	50	N	1,2	Fine.
	3	7 0	43	52	30.40	42	N	1	Cloudy.
		2 0	53	56	30.35	52	NW	1	Cloudy.
	4	7 0	45	54	30.24	43	N	1	Cloudy.
		2 0	52	58	30.16	53	NW	1	Cloudy.
	5	7 0	45	55	30.05	44	NW	1	Cloudy.
		2 0	54	55	30.00	54	N	1	Cloudy.
	6	7 0	45	52	29.89	47	N	1	Fine.
		2 0	54	57	29.85	54	NNE	1	Fine.
	7	7 0	43	52	29.95	40	N	1	Cloudy.
		2 0	49	54	29.95	53	W	1	Cloudy, but pleasant.
	8	7 0	41	52	30.02	39	N	1	Fine.
		2 0	46	58	30.03	50	N	1	Cloudy.
	9	7 0	37	50	30.09	35	N	1	Cloudy.
		2 0	46	56	30.06	48	N	1	Cloudy.
	10	7 0	37	48	30.04	36	N	1	Cloudy.
		2 0	46	54	30.01	47	ESE	1	Fine.
	11	7 0	39	50	30.01	37	E	1	Fine.
		2 0	48	58	29.90	48	E by S	1	Fine.
	12	7 0	41	52	29.72	41	E	1	Rain.
		2 0	53	57	29.72	53	N	1	Cloudy.
	13	7 0	45	54	29.85	44	SE	2	Rain.
		2 0	58	60	29.92	58	S	1	Fine.
	14	7 0	46	53	30.03	46	SE	1	Cloudy and foggy.
		2 0	57	56	29.96	59	E	1	Cloudy, but pleasant.
	15	7 0	50	54	30.00	49	E	1	Fine.
		2 0	63	59	29.98	61	E	1	Cloudy.

Rain this Month 1.620 Inches.

## METEOROLOGICAL JOURNAL

for April, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Apr. 16	7	0	49	56	29.94	49	N	1	Rain.
	2	0	54	58	29.99	55	N	1	Cloudy.
17	7	0	43	57	29.92	43	E	1	Cloudy and dark.
	2	0	53	61	29.80	55	E	1	Fine.
18	7	0	46	56	29.66	46	NE	1	Cloudy.
	2	0	51	59	29.64	52	E	1	Cloudy.
19	7	0	44	55	29.68	46	W	1	Cloudy.
	2	0	54	60	29.71	55	S	1	Fine.
20	7	0	44	55	29.69	45	W	1	Fine.
	2	0	55	60	29.69	56	W by S	1	Cloudy.
21	7	0	46	57	29.61	46	W	1	Cloudy.
	2	0	57	57	29.49	58	SW	1	Cloudy.
22	7	0	47	56	29.37	46	S	2	Cloudy.
	2	0	58	62	29.37	58	S	1	Fine.
23	7	0	48	57	29.30	47	S	2	Cloudy.
	2	0	55	62	29.41	56	W	1	Fine.
24	7	0	48	54	29.62	44	S	2	Fine.
	2	0	58	60	29.61	59	S	2	Fine.
25	7	0	47	57	29.56	47	S	2	Rain.
	2	0	57	60	29.58	58	W	1	Cloudy.
26	7	0	46	55	29.82	43	W	1	Fine.
	2	0	56	60	29.95	58	W	1	Fine.
27	7	0	48	57	29.99	47	SW	1	Rain.
	2	0	59	61	30.01	59	SW	1	Cloudy.
28	7	0	51	58	30.25	50	W	1	Cloudy.
	2	0	63	59	30.25	63	SW	1	Cloudy.
29	7	0	48	57	30.23	47	E	1	Cloudy and hazy.
	2	0	63	62	30.22	64	E	1	Fine.
30	7	0	50	59	30.24	48	E	1	Fine.
	2	0	63	63	30.26	64	E	1	Fine clear sky.

Rain this Month 1,620 Inches.

METEOROLOGICAL JOURNAL  
for May, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May	1	7 0	50	59	30.31	48	W	1	Fine clear sky.
		2 0	62	61	30.27	64	E	1	Fine and clear.
	2	7 0	50	59	30.17	46	E	1	Fine.
		2 0	62	62	30.09	62	E	1	Fine.
	3	7 0	47	59	29.96	45	E	1	Fine, rather hazy.
		2 0	62	62	29.86	62	E	1	Fine.
	4	7 0	54	60	29.61	53	E	1	Fine.
		2 0	65	63	29.59	66	E	1	Fine.
	5	7 0	53	60	29.68	52	NE	1	Rain.
		2 0	66	63	29.70	66	E	1	Fine.
	6	7 0	57	61	29.73	56	E	1	Cloudy and hazy.
		2 0	67	64	29.72	68	N	1	Cloudy.
	7	7 0	59	62	29.76	59	E	1	Cloudy and hazy.
		2 0	65	62	29.78	68	NE	1	Rain.
	8	7 0	49	59	29.95	47	NE	1	Cloudy.
		2 0	54	61	29.94	56	E	1	Fine.
	9	7 0	49	55	29.74	47	E	1	Cloudy.
		2 0	54	60	29.61	55	E	1	Cloudy.
	10	7 0	53	57	29.38	51	E	1	Cloudy and hazy.
		2 0	55	54	29.30	55	E	1	Fine.
	11	7 0	47	58	29.56	45	E	1	Fine.
		2 0	61	59	29.65	62	E	1	Cloudy.
	12	7 0	51	55	29.79	51	N	1	Cloudy.
		2 0	51	54	29.77	52	N	1	Cloudy.
	13	7 0	51	55	29.82	50	N	1	Cloudy and rather hazy.
		2 0	57	58	29.82	58	N	1	Cloudy.
	14	7 0	50	57	29.87	47	N by E	1	Fine.
		2 0	60	60	29.87	60	N	1	Fine.
	15	7 0	60	58	29.91	59	E	1	Fine.
		2 0	68	61	29.81	68	NE	1	Fine.
	16	7 0	52	59	29.98	50	E	1	Fine.
		2 0	62	62	29.95	62	E	1	Fine; no cloud to be seen.

Rain this Month 1.022 Inches.

## METEOROLOGICAL JOURNAL

for May, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May 17	7	0	61	60	29,95	61	N by E	1	Fine.
	2	0	70	65	29,92	72	N	1	Fine.
18	7	0	62	63	29,99	60	N	1	Fine; rather hazy.
	2	0	70	67	30,01	72	N	1	Fine.
19	7	0	60	63	30,07	56	NNE	1	Fine.
	2	0	72	65	30,04	72	N	1	Fine.
20	7	0	60	64	30,13	56	E	1	Hazy.
	2	0	74	69	30,11	75	E	1	Fine.
21	7	0	60	65	30,25	58	N	1	Fine.
	2	0	74	70	30,25	74	NE	1	Fine.
22	7	0	55	64	30,46	53	N	1	Fine.
	2	0	70	68	30,30	70	E	1	Fine.
23	7	0	55	63	30,27	50	NE	1	Cloudy.
	2	0	63	65	30,19	65	NE	1	Fine.
24	7	0	56	63	30,08	52	E	1	Cloudy.
	2	0	64	64	30,02	65	NE	1	Fine.
25	7	0	54	63	29,96	50	E	1	Fine. [from 1½ till 2½ P.M.
	2	0	61	63	29,88	65	W	1	Thunder and lightning
26	7	0	56	62	29,80	53	W	1	Cloudy.
	2	0	55	61	29,78	60	SW	1,2	Rain.
27	7	0	53	60	30,11	51	S	1	Fine.
	2	0	64	64	30,06	65	W	1	Fine clear sky.
28	7	0	61	62	30,17	60	W	1	Cloudy.
	2	0	68	64	30,20	69	NNW	1	Fine.
29	7	0	58	62	30,24	56	W	1	Fine.
	2	0	71	65	30,21	71	W	1	Fine.
30	7	0	55	62	30,31	53	W	1	Hazy.
	2	0	64	65	30,24	64	SW	1	Fine.
31	7	0	59	63	30,28	56	W	1	Fine.
	2	0	72	66	30,25	72	W	1	Fine.

Rain this Month 1,022 Inches.

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for June, 1822.

1822	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H. M.	o	o	Inches.		Points.	Str.		
June	1	7 0	63	63	30,20	59	W	1	Fine.
		2 0	73	69	30,15	74	W by N	1	Fine.
	2	7 0	62	65	30,20	57	E	1	Fine.
		2 0	73	69	30,19	73	E	1	Fine.
	3	7 0	62	66	30,21	56	E	1	Fine.
		2 0	73	70	30,22	75	E	1	Fine.
	4	7 0	62	66	30,20	57	E	1	Fine.
		2 0	77	71	30,16	77	E	1	Fine.
	5	7 0	66	68	30,15	62	S	1	Hazy.
		2 0	78	71	30,15	70	E	1	Fine.
	6	7 0	66	69	30,17	62	N	1	Fine.
		2 0	75	72	30,13	80	E	1	Fine.
	7	7 0	64	66	30,29	60	N	1	Cloudy.
		2 0	74	70	30,13	78	E	1	Fine clear sky.
	8	7 0	58	66	30,10	54	N	1	Cloudy.
		2 0	74	70	29,98	74	E	1	Fine.
	9	7 0	65	68	29,92	60	E	1	Fine.
		2 0	77	72	29,93	79	E	1	Fine.
	10	7 0	69	69	29,95	64	N	1	Fine.
		2 0	81	74	29,94	84	SW	1	Fine; thunder and rain
	11	7 0	70	71	30,10	65	N	1	Fine.
		2 0	78	73	30,11	78	N	1	Cloudy.
	12	7 0	61	68	30,16	57	N	1	Fine.
		2 0	69	70	30,18	70	E	1	Fine.
	13	7 0	54	62	30,20	50	E	1	Fine.
		2 0	70	70	30,08	70	E	1	Fine.
	14	7 0	62	65	29,98	50	E	1	Fine.
		2 0	74	69	29,83	76	W	1	Cloudy.
	15	7 0	67	67	29,65	63	ENE	1	Cloudy.
		2 0	66	68	29,71	71	W	1	Fine; a thunder storm at

## METEOROLOGICAL JOURNAL

for June, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
June 16	7	0	61	63	29.82	57	E	1	Cloudy.
	2	0	67	66	29.91	68	E	1	Cloudy.
17	7	0	58	63	30.16	54	E	1	Cloudy.
	2	0	65	65	30.19	66	NE	1	Cloudy.
18	7	0	59	62	30.22	54	SE	1	Fine.
	2	0	67	64	30.16	67	SE	1	Fine.
19	7	0	63	63	29.99	59	N by E	1	Fine, rather hazy.
	2	0	73	66	29.93	73	N	1	Cloudy.
20	7	0	61	63	29.93	59	N by E	1	Cloudy.
	2	0	65	63	30.02	70	NE	1	Cloudy.
21	7	0	55	63	30.19	51	NE	1	Fine.
	2	0	66	65	30.15	66	E	1	Fine.
22	7	0	59	63	30.13	53	E	1	Fine.
	2	0	73	68	30.06	73	E	1	Fine.
23	7	0	64	64	30.01	60	E	1	Cloudy; rain in the night.
	2	0	72	68	29.97	73	SSE	1	Fine.
24	7	0	66	65	30.01	63	W	1	Fine.
	2	0	73	67	30.00	75	W	1	Fine.
25	7	0	66	66	30.11	63	W	1	Fine.
	2	0	75	70	30.08	75	W	1	Fine.
26	7	0	67	67	30.07	62	W	1	Fine.
	2	0	76	71	29.97	77	SW	1	Fine.
27	7	0	65	68	30.06	62	N	1	Fine.
	2	0	73	70	30.15	77	N	1	Fine.
28	7	0	65	65	30.16	60	W	1	Cloudy.
	2	0	71	68	30.04	73	WSW	1	Cloudy.
29	7	0	60	65	30.00	59	NNE	1	Cloudy.
	2	0	70	65	30.05		NE	1	Cloudy.
30	7	0	60	64	30.03	56	SSW	1	Fine.
	2	0	65	65	29.91		W	1	Rain.

Rain this Month 1.212 Inches.

## METEOROLOGICAL JOURNAL

for July, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
July	1	7 0	62	63	30,06	56	NE	1	Fine.
		2 0	69	66	30,07	69	W	1	Fine.
	2	7 0	60	62	30,01	56	W	1	Fine.
		2 0	69	65	29,89	72	W	1	Cloudy.
	3	7 0	59	63	29,93	56	W	1	Fine.
		2 0	71	68	29,95	71	W	1	Fine.
	4	7 0	66	63	29,99	60	W	1	Fine.
		2 0	75	67	29,95	76	W	1	Cloudy. [lightning at 1 A.M.
	5	7 0	65	65	29,79	63	E	1	Cloudy; a storm of thunder and
		2 0	69	66	29,71	73	W by N	1	Cloudy; a thunder storm at
	6	7 0	60	63	29,84	58	N	1	Cloudy.
		2 0	67	65	29,94	67	NNE	1	Cloudy.
	7	7 0	60	62	30,09	55	NE	1	Fine.
		2 0	70	65	30,08	71	NW	1	Cloudy.
	8	7 0	62	62	30,16	58	W	1	Cloudy.
		2 0	69	65	30,18	70	NW	1	Fine.
	9	7 0	64	64	30,08	63	W	1	Cloudy.
		2 0	69	66	30,02	71	W	1	Rain.
	10	7 0	65	63	29,87	62	SW	1,2	Cloudy.
		2 0	71	67	29,84	71	W	1	Fine.
	11	7 0	65	64	29,86	61	W	1	Cloudy.
		2 0	69	65	29,73	72	S	1	Cloudy.
	12	7 0	62	63	29,41	60	W	1	Fine.
		2 0	67	64	29,44	68	NNW	1	Fine.
	13	7 0	58	62	29,81	54	N	1	Fine.
		2 0	68	64	29,93	69	W by N	1	Fine.
	14	7 0	59	62	30,02	55	NE	1	Fine.
		2 0	69	65	30,00	70	N by E	1	Fine.
	15	7 0	59	62	29,98	55	E	1	Cloudy and hazy.
		2 0	69	64	29,88	70	E	1	Cloudy.
	16	7 0	61	63	29,78	58	N	1	Fine.
		2 0	69	64	29,74	70	N	1	Cloudy.

Rain this Month 2,788 Inches.

## METEOROLOGICAL JOURNAL

for July, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
July 17	7	o	62	63	29,68	60	W	1	Rain.
	2	o	66	64	29,72	70	S	1	Cloudy.
18	7	o	65	63	29,74	60	E	1	Fine.
	2	o	73	68	29,70	73	E	1	Cloudy. [ning at 3 A.M.
19	7	o	64	65	29,50	64	S	1	Rain; thunder and light-
	2	o	72	67	29,53	72	S	1	Fine.
20	7	o	66	65	29,51	61	S	1	Cloudy.
	2	o	70	67	29,57	72	SW	2	Fine.
21	7	o	66	65	29,58	61	S	1	Fine.
	2	o	69	66	29,53	71	S	1	Cloudy.
22	7	o	65	62	29,55	63	S	1	Cloudy.
	2	o	71	66	29,73	71	NNW	1,2	Cloudy.
23	7	o	65	64	29,79	62	S	1	Cloudy.
	2	o	70	65	29,75	71	S	1,2	Cloudy.
24	7	o	67	65	29,59	62	SW	1	Cloudy.
	2	o	70	68	29,62	72	S	1	Fine.
25	7	o	65	65	29,66	61	SW	1,2	Rain.
	2	o	71	66	29,68	71	SW	2	Cloudy.
26	7	o	63	64	29,76	58	W	1	Fine.
	2	o	70	66	29,74	71	S	1	Cloudy.
27	7	o	62	64	29,80	58	SW	1	Fine clear sky.
	2	o	71	66	29,79	72	SW	1	Fine.
28	7	o	66	65	29,54	62	S	1	Fine.
	2	o	69	66	29,50	70	SSW	1	Showery.
29	7	o	64	63	29,52	64	NW	1	Cloudy.
	2	o	69	65	29,49	70	S	1	Cloudy.
30	7	o	62	63	29,54	59	NW	1	Fine.
	2	o	66	64	29,57	66	SW	1	Cloudy.
31	7	o	60	60	29,68	53	SW	1	Fine.
	2	o	62	62	29,68	67	W	2	Rain.

Rain this Month 2,788 Inches.



## METEOROLOGICAL JOURNAL

for August, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 1	7	0	57	59	29,80	51	W by N	1	Fine.
	2	0	64	62	29,80	66	W	1	Fine.
	2	0	58	60	29,72	56	W	1	Hazy. [P. M.]
2	2	0	60	61	29,81	65	W	1	Fine; a hail storm at 1
	2	0	56	59	30,01	50	W	1	Fine.
3	7	0	65	61	30,02	65	N by E	1	Cloudy.
	2	0	58	61	29,89	55	N by E	1	Fine.
4	2	0	67	62	29,81	67	NW	1	Cloudy.
	2	0	59	61	29,86	53	N	1	Fine.
5	7	0	68	62	29,88	66	N	1	Cloudy.
	2	0	58	61	30,03	53	NW	1	Fine.
6	2	0	65	62	30,02	68	N	1	Cloudy.
	7	0	61	61	30,06	59	W	1	Cloudy.
7	2	0	69	64	30,08	70	W	1	Cloudy.
	2	0	59	61	30,03	57	E	1	Cloudy and hazy.
8	2	0	71	63	29,91	72	E	1	Cloudy.
	7	0	60	62	29,76	57	W	1	Fine.
9	2	0	68	64	29,75	68	W	1	Cloudy.
	2	0	63	63	29,80	62	W	1	Fine.
10	2	0	70	64	29,81	70	W	1	Cloudy.
	7	0	65	63	29,82	63	W	1	Cloudy.
11	2	0	70	64	29,82	70	W	1	Cloudy.
	2	0	64	64	29,84	62	W	1	Cloudy.
12	2	0	70	65	29,84	70	W	1	Cloudy.
	7	0	65	64	29,79	62	SW	1	Cloudy.
13	2	0	71	66	29,84	71	NNW	1,2	Fine.
	7	0	66	65	29,92	63	WSW	1	Fine.
14	2	0	69	66	29,82	71	S	1,2	Cloudy.
	7	0	63	65	29,69	63	N	1	Cloudy.
15	2	0	68	66	29,86	70	W by N	1	Cloudy.
	7	0	60	63	30,07	54	W	1	Cloudy.
16	2	0	68	67	30,07	70	NW	1	Fine.

Rain this Month 0,975 inches.

## METEOROLOGICAL JOURNAL

for August, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Aug. 17	7	o	61	64	30,23	59	W	1	Fine.
	2	o	73	71	30,20	76	W	1	Fine.
18	7	o	62	66	30,19	68	W	1	Cloudy.
	2	o	73	71	30,15	75	W	1	Fine.
19	7	o	63	67	30,13	67	NE	1	Cloudy.
	2	o	74	71	30,15	75	SE	1	Fine.
20	7	o	62	67	30,14	66	ESE	1	Fine.
	2	o	70	71	30,14	71	E	1	Fine.
21	7	o	64	67	30,02	62	N	1	Hazy.
	2	o	76	73	29,97	78	E	1	Fine.
22	7	o	70	70	29,89	68	W	1	Cloudy.
	2	o	78	73	29,87	79	W	1	Fine, rather cloudy.
23	7	o	65	70	29,97	63	NE	1	Cloudy.
	2	o	78	72	29,98	80	WNW	1	Cloudy.
24	7	o	59	66	29,82	59	SW	1	Cloudy.
	2	o	67	68	29,79	70	S	1	Cloudy. [cloudy.
25	7	o	60	66	29,74	55	W	1	Fine, though somewhat
	2	o	67	65	29,74	68	W	1,2	Cloudy.
26	7	o	59	64	29,68	56	W	1	Fine.
	2	o	66	65	29,65	67	W by N	1	Fine.
27	7	o	60	64	29,69	56	W	1	Fine.
	2	o	62	64	29,70	66	W by N	1	Showery.
28	7	o	60	64	29,72	57	W	1	Cloudy.
	2	o	66	64	29,63	66	ESE	2,1	Cloudy and showery.
29	7	o	60	63	29,47	58	W	1	Fine.
	2	o	65	64	29,53	67	W	2	Cloudy.
30	7	o	57	62	29,77	54	W	1	Fine.
	2	o	66	62	29,80	66	SW	1	Cloudy.
31	7	o	57	61	29,91	52	W	1	Fine.
	2	o	65	65	29,94	66	NW	1	Fine.

Rain this Month 0,975 Inches.

## METEOROLOGICAL JOURNAL

for September, 1822.

1822	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H. M.	°	°	Inches.		Points.	Str.		
Sept.	1	7 0	55	62	30,11	53	W by S	1	Cloudy.
		2 0	65	64	30,11	65	W	1	Cloudy.
	2	7 0	58	60	30,08	54	SW	1	Fine.
		2 0	65	62	30,03	68	W	2	Cloudy.
	3	7 0	62	62	29,94	61	W	1	Fine.
		2 0	68	64	29,91	69	W	1	Fine.
	4	7 0	58	61	30,04	56	W	1	Fine.
		2 0	68	72	30,04	69	W	1	Fine.
	5	7 0	63	64	29,93	61	W	1	Fine.
		2 0	68	65	29,85	70	WSW	1	Cloudy.
	6	7 0	65	64	29,83	63	SW	1	Cloudy.
		2 0	68	69	29,83	70	WSW	1	Fine.
	7	7 0	56	62	30,04	54	W	1	Fine.
		2 0	65	66	30,07	68	W by N	1	Fine.
	8	7 0	58	62	29,92	55	W	1	Cloudy.
		2 0	66	64	29,89	68	W	1	Rain.
	9	7 0	56	60	29,98	54	NW	1	Cloudy.
		2 0	64	62	29,96	66	WSW	2	Cloudy.
	10	7 0	52	61	30,12	51	W	1	Fine.
		2 0	59	62	30,08	64	W	1	Fine.
	11	7 0	58	63	29,92	51	S	1,2	Fine.
		2 0	64	64	29,94	67	W	1	Cloudy.
	12	7 0	54	60	29,95	53	NW	1	Fine, rather hazy.
		2 0	62	61	30,01	65	N by E	1	Cloudy.
	13	7 0	56	59	29,97	54	N	1	Cloudy.
		2 0	60	63	30,08	61	N	1	Cloudy.
	14	7 0	50	59	29,91	45	E	1	Fine.
		2 0	61	61	30,16	62	E	1,2	Cloudy.
	15	7 0	56	60	30,08	53	E	1	Cloudy and hazy.
		2 0	60	61	30,01	61	E	1	Cloudy.

Rain this Month 0,702 Inches.

## METEOROLOGICAL JOURNAL

for September, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Sept. 16	7	o	54	60	30,04	52	W	1	Fine.
	2	o	66	64	30,03	66	W	1	Fine.
17	7	o	57	61	30,06	55	W	1	Cloudy and hazy.
	2	o	70	63	30,05	70	E	1	Fine.
18	7	o	55	61	30,08	52	N by E	1	Cloudy and hazy.
	2	o	63	69	30,09	70	S by E	1	Fine.
19	7	o	57	62	30,14	53	E	1	Fine.
	2	o	63	68	30,12	65	E	1,2	Fine.
20	7	o	55	60	29,99	52	N	1	Fine.
	2	o	60	71	29,93	64	E	1	Fine.
21	7	o	52	60	29,83	53	E	1	Fine.
	2	o	59	68	29,84	62	E	1	Fine.
22	7	o	52	59	29,88	59	E	1	Cloudy.
	2	o	61	60	29,86	62	E	1	Cloudy.
23	7	o	55	56	29,82	55	E	1	Rain.
	2	o	58	59	29,65	62	ENE	1	Rain.
24	7	o	57	57	29,44	56	E	1	Rain.
	2	o	60	60	29,31	60	E	1	Cloudy and showery.
25	7	o	52	57	29,31	51	NE	1	Fine.
	2	o	57	58	29,45	58	NE	1	Cloudy.
26	7	o	49	68	29,67	47	N	1	Cloudy and hazy.
	2	o	57	61	29,84	59	NE	1	Fine.
27	7	o	49	55	30,07	48	NE	1,2	Fine.
	2	o	56	57	30,16	57	SE	2	Cloudy.
28	7	o	51	56	30,21	49	N	1	Rain.
	2	o	56	57	30,17	57	N	1	Cloudy.
29	7	o	51	56	30,03	49	NE	1	Fine.
	2	o	58	57	29,96	59	E	1	Fine.
30	7	o	49	56	29,86	46	W	1	Cloudy and hazy.
	2	o	59	62	29,79	59	SE	1	Cloudy.

Rain this Month 0,702 Inches.

## METEOROLOGICAL JOURNAL

for October, 1822.

1822	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
						Points.	Str.		
	H. M.	o	o	Inches.					
Oct.	1	8 o	48	57	29,71	46	N	1	Hazy.
		2 o	59	60	29,68	59	SE	1	Fine.
	2	8 o	57	59	29,74	55	E	1	Cloudy.
		2 o	63	60	29,75	64	E	1	Cloudy.
	3	8 o	60	59	29,70	57	E	1	Rain.
		2 o	65	62	29,68	65	E	1	Cloudy.
	4	8 o	59	61	29,78	58	S	1	Cloudy.
		2 o	64	65	29,71	66	W	1	[evening. Fine; much lightning this
	5	8 o	60	62	29,70	58	SW	1	Fine.
		2 o	63	62	29,68		SW	1	Fair.
	6	8 o	54	61	29,53	52	W	1	Fine.
		2 o	59	60	29,57	60	W	1	Cloudy.
	7	8 o	55	59	29,43		W	2	Fine.
		2 o	59	63	29,61				Cloudy.
	8	8 o	58	60	29,56	55	W	3	Rain.
		2 o	59	63	29,62	60	W	1,2	Fine.
	9	8 o	57	60	29,71	53	S	2	Cloudy.
		2 o	52	60	29,82	50	W	1	Fine.
	10	8 o	52	60	29,82	50	W	1	Fine.
		2 o	64	64	29,91	60	NW	1	Fine.
	11	8 o	48	59	30,14	46	W	1	Fine.
		2 o	58	63	30,15	59	SW	1	Fine.
	12	8 o	54	60	29,97	52	SE	1	Cloudy.
		2 o	60	62	29,81	61	SE	1	Cloudy.
	13	8 o	58	61	29,45	59	S	2	Cloudy.
		2 o	61	61	29,38	62	SE	1,2	Rain.
	14	8 o	46	59	29,83	46	N	2	Fine.
		2 o	52	61	29,98	52	N	1,2	Cloudy.
	15	8 o	43	57	29,93	41	W	1	Fine.
		2 o	50	59	29,74	51		1	Rain.
	16	8 o	50	58	29,37	48	E	1	Cloudy and hazy.
		2 o	53	60	29,32	54	W	1	Rain.

Rain this Month 3,953 Inches.

## METEOROLOGICAL JOURNAL

for October, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Oct. 17	8	0	51	57	29.31	50	N by E	2	Rain.
	2	0	51	58	29.34	53	N	2	Cloudy and Rain
18	8	0	41	56	29.61	41	NW	1	Fine; rather hazy.
	2	0	50	59	29.66	50	W	1	Fine.
19	8	0	48	56	29.49	46	S	1,2	Cloudy.
	2	0	53	59	29.47	55	W	1,2	Fine.
20	8	0	54	58	29.55	52	S	1,2	Cloudy.
	2	0	59	58	29.41	59	SW	3	Rain.
21	8	0	53	57	29.54	51	S	1,2	Fine.
	2	0	59	59	29.61		S	1	Fine.
22	8	0	48	58	29.72	47	W	1	Fine.
	2	0	59	60	29.81	59	SW	1	Fine.
23	8	0	46	56	29.70	44	E	1	Fine, rather hazy.
	2	0	55	58	29.57	56	E	1	Cloudy.
24	8	0	57	57	29.38	55	SSE	1	Cloudy.
	2	0	61	59	29.36	62	E	1	Cloudy.
25	8	0	55	58	29.48	55	S	1	Fine.
	2	0	60	60	29.51	62	S by E	1	Fine.
26	8	0	53	58	29.53	52	E	1	Fine.
	2	0	58	59	29.43	60	SE	1	Cloudy.
27	8	0	52	58	29.53	51	NW	1	Cloudy.
	2	0	55	59	29.58	57	W	1	Fine.
28	8	0	44	47	29.77	43	E	1	Hazy and cloudy.
	2	0	54	58	29.84	55	SSW	1	Fine.
29	8	0	53	56	29.88	49	S	1	Rain.
	2	0	59	57	29.96	59	N	1	Cloudy.
30	8	0	55	56	29.97	53	E	1	
	2	0	60	58	29.93	61	SW	1	Cloudy.
31	8	2	54	56	29.69	52	E	1	Fine.
	2	2	60	60	29.71	61	S	1	Fine.

Rain this Month 3.053 Inches.

## METEOROLOGICAL JOURNAL

for November, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov. 1	8	0	56	58	29,86	53	S	2	Cloudy.
	2	0	60	58	29,83	61	S	2	Cloudy. [the night.
2	8	0	60	59	29,69	58	SE	1	Fine; rain and wind in
	2	0	61	62	29,70	61	S	1	Cloudy.
3	8	0	54	56	29,97	53	SW	1	Fine.
	2	0	58	57	30,04	61	SW	1	Cloudy.
4	8	0	48	54	30,26	47	W	1	Hazy.
	2	0	52	57	30,26	58	W	1	Fine.
5	8	0	52	56	30,27	47	W	1	Cloudy.
	2	0	56	58	30,20	57	SW	1	Cloudy.
6	8	0	52	57	30,18	51	W	1	Cloudy.
	2	0	56	60	30,13	57	W	1	Cloudy.
7	8	0	50	57	29,95	49	S	1	Fine.
	2	0	54	59	29,95		S	1	Fine.
8	8	0	49	58	29,93	49	W	1	Cloudy.
	2	0	57	61	29,93	58	N by E	1	Cloudy and dark.
9	8	0	43	58	29,94	43		1	Thick fog.
	2	0	49	57	30,01	56	N	1	Cloudy.
10	8	0	50	57	29,70	48	N	1	Rain.
	2	0	53	58	29,88	53	N by E	1	Cloudy.
11	8	0	46	57	30,24	46		1	Thick fog.
	2	0	57	60	30,24	58	S	1	Fine.
12	8	0	52	58	30,12	49	SSE	2	Cloudy.
	2	0	55	59	30,02	56	S	1,2	Cloudy.
13	8	0	48	58	29,92	47	NW	1	Foggy.
	2	0	50	60	29,75	51	W	1	Fine; streaky clouds.
14	8	0	46	55	29,40	45	W	1	Fine.
	2	0	51	59	29,51	52	W	1	Fine.
15	8	0	48	57	29,24	45	SW	2	Cloudy.
	2	0	47	59	29,29	49	W	1	Fine.
16	8	0	42	56	29,29	42	N	1	Rain.
	2	0	42	58	29,29	48	NNW	1	Rain.

Rain this Month 3,607 inches.

## METEOROLOGICAL JOURNAL

for November, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov. 17	8	0	41	55	29.61	39	WSW	1	Fine.
	2	0	48	56	29.62	48	WSW	1	Cloudy.
18	8	0	51	54	29.62	47	S	2,3	Rain.
	2	0	52	58	29.68	55	SW	1	Fine.
19	8	0	52	56	29.86	50	S	1,2	Cloudy.
	2	0	54	58	29.78	55	SW	2	Cloudy.
20	8	0	53	57	29.63	53	E	1	Rain and fog.
	2	0	54	59	29.62	56	S	1	Rain.
21	8	0	52	58	29.60	51	W	1,2	Cloudy.
	2	0	53	61	29.72	55	W	1	Fine.
22	8	0	47	57	29.88	45	S	1	Cloudy.
	2	0	51	60	29.72	52	S	2,3	Rain.
23	8	0	51	58	29.61	51	W	2	Rainy and squally.
	2	0	51	59	29.64	53	SW	1	Fine.
24	8	0	47	57	29.88	46	W	1	Fine.
	2	0	53	57	29.79	53	S	1	Cloudy.
25	8	0	51	56	29.55	51	S	2	Rain.
	2	0	52	59	29.50	53	SSW	1,2	Fine.
26	8	0	48	56	29.53	48	W	1	Fine.
	2	0	52	60	29.55	53	S	2	Cloudy.
27	8	0	51	57	29.57	50	WSW	1	Fine.
	2	0	53	59	29.65	56	W	1	Fine.
28	8	0	45	56	29.52	44	S by E	2	Rain.
	2	0	48	60	29.31	50	S	1	Cloudy.
29	8	0	41	56	29.47	41	W	1	Fine.
	2	0	48	58	29.30	48	S	1,2	Cloudy.
30	8	0	38	54	29.36	38	SW	1	Fine.
	2	0	45	55	29.37	45	W	1	Rain.

Rain this Month 3.607 Inches.



## METEOROLOGICAL JOURNAL

for December, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec.	1	8 0	42	53	29,31	40	S	1	Fine.
		2 0	54	54	29,16	54	SSW	2	Rainy and squally.
	2	8 0	40	52	29,07	40	SW	1	Fine.
		2 0	48	55	29,04	50	SSW	1	Fine.
	3	8 0	41	52	29,23	41	NNW	1	Cloudy and foggy.
		2 0	42	55	29,41	43	NNW	1	Fine.
	4	8 0	39	51	29,59	38	SW	1	Fine.
		2 0	48	54	29,42	48	SW	1,2	Rain.
	5	8 0	37	51	29,75	36	W	1	Fine.
		2 0	42	54	29,67	45	S	1,2	Cloudy.
	6	8 0	43	52	29,50		W	1	Fine.
		2 0	45	56	29,64	47	W by N	1	Fine.
	7	8 0	39	52	29,94	38	W	1	Fine.
		2 0	43	55	29,98	43	NW	1	Fine.
	8	8 0	38	51	30,22	37	W	1	Fine.
		2 0	41	52	30,18	43	SW	1	Fine.
	9	8 0	46	51	30,13	42	S	2	Cloudy.
		2 0	47	54	30,09	48	SW	2	Rain.
	10	8 0	41	52	30,33	41	N	1	Fine, rather hazy.
		2 0	44	54	30,42	47	NE	1	Fine.
	11	8 0	37	51	30,54	35	N	1	Foggy.
		2 0	37	53	30,56	42	N	1	Foggy.
	12	8 0	37	51	30,57	37	NNE	1	Foggy.
		2 0	42	53	30,55	43	E	1	Fine.
	13	8 0	38	52	30,40	37	E	1	Fine.
		2 0	42	53	30,32	43	E	1	Hazy.
	14	8 0	37	51	30,26	37	E	1	Cloudy.
		2 0	40	53	30,24	41	SW	1	Cloudy.
	15	8 0	36	50	30,08	35	E	1	Cloudy.
		2 0	38	49	30,03	40	E	1	Cloudy.
	16	8 0	35	48	30,18	35	NNE	1	Cloudy and hazy.
		2 0	34	50	30,22	35	NE	1	Cloudy and hazy.

Rain this Month 1,041 Inches.

## METEOROLOGICAL JOURNAL

for December, 1822.

1822	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec. 17	8	0	34	47	30.33	34	NNW	1	Cloudy and hazy.
	2	0	36	50	30.31	37	W	1	Cloudy and hazy.
18	8	0	44	47	30.23	37	N	1	Cloudy and hazy.
	2	0	46	49	30.22	47	N by E	1	Rain.
19	8	0	39	47	30.27	37	NW	1	Fine.
	2	0	38	49	30.28	40	NE	1	Cloudy.
20	8	0	31	48	30.35	31	N by E	1	Fine, but rather hazy.
	2	0	34	50	30.36	36	E	1	Fine.
21	8	0	31	46	30.34	29	N	1	Fine.
	2	0	35	49	30.29	36	N	1	Fine.
22	8	0	34	45	30.14	30	N	1	Fine.
	2	0	39	46	30.09	39	NE	1	Cloudy.
23	8	0	38	44	30.07	35	N	1	Hazy.
	2	0	42	48	30.03	43	NE	1	Cloudy.
24	8	0	38	46	30.05	37	E	1	Foggy.
	2	0	40	48	30.09	42	E	1	Cloudy.
25	8	0	36	45	30.42	34	E	1	Cloudy and hazy.
	2	0	36	45	30.43	37	E	1	Cloudy and hazy.
26	8	0	31	44	30.45	31	E	1	Hazy.
	2	0	35	48	30.38	36	SE	1	Fine.
27	8	0	32	44	30.37	30	E	1	Cloudy and hazy.
	2	0	44	44	30.32	44	ESE	1	Cloudy.
28	8	0	28	42	30.27	27	E	1	Hazy.
	2	0	32	46	30.20	34	E by S	1	Fine.
29	8	0	30	41	30.15	27	E	1	Cloudy.
	2	0	31	42	30.08	35	E	1	Fine.
30	8	0	25	39	29.83	23	E	1	Fine.
	2	0	31	43	29.80	29	SE	1,2	Fine.
31	8	0	30	40	29.74	28	E	1	Cloudy and dark.
	2	0	32	45	29.71	32	E	1	Cloudy.

Rain this Month 1.041 Inches.

1822.	Thermometer without.			Thermometer within.			Barometer.*			Six's Thermometer.			Rain.†
	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	
	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Inches.	Inches.	Inches.	Deg.	Deg.	Deg.	
January	50	32	41,5	58	41	50,3	30,17	29,10	30,107	51	31	42,2	0,215
February	53	35	45,6	60	49	55,0	30,69	29,30	30,102	54	34	45,5	0,560
March	65	36	49,5	63	51	56,7	30,36	29,43	30,030	66	35	49,5	1,273
April	63	37	49,6	63	48	56,3	30,40	29,30	29,921	64	35	49,5	1,620
May	74	47	59,4	70	54	61,6	30,46	29,30	29,959	75	45	58,8	1,022
June	81	54	67,0	74	62	67,0	30,29	29,65	30,064	84	50	64,6	1,212
July	75	58	66,1	68	60	64,4	30,18	29,41	29,775	76	53	64,9	2,788
August	78	56	64,8	73	59	64,7	30,23	29,47	29,992	80	50	64,3	0,975
September	70	49	58,6	72	55	61,6	30,21	29,31	29,941	70	45	58,6	0,702
October	65	41	55,1	65	47	59,0	30,15	29,31	29,663	66	41	54,3	3,053
November	61	38	50,6	62	54	57,6	30,27	29,24	29,748	61	38	49,7	3,607
December	54	25	38,1	56	39	49,0	30,57	29,04	30,059	54	23	58,0	1,041
Whole year			53,8			58,6			29,863			55,0	18,068

\* The quicksilver in the bason of the barometer is 81 feet above the level of low water spring tides at Somerset-house.

† The Society's Rain Gage is 114 feet above the same level, and 75 feet 6 inches above the surrounding ground.

The mean variation of the Magnetic Needle will be given in Part II.